Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start		Rating **	Α	Issue No.		57	
LM End		Issue Type +	Ma	Location *			
Category Earthen Levee				GPS La	ititude	/Longitude	
Category				Start End			
Item	s & Maintenai	nce		0		0	
пеш	Manuals				0		0
DWR ID DWR_RD0501_01_f _ 2014_57							
Comment Code							
		Inspecto	or Comm	nent			
District has the O&M Manual.							

No Photos

LM Start		Rating **	Α	Issue No.		58	
LM End		Issue Type +	Ma	Location *			
Category	Earthen L	Earthen Levee			atitud	le/Longitude	
Calegory				Start		End	
Item		0		0			
Equipment					0		0
DWR ID DWR_RD0501_01_s _ 2012_58							
	Comment Code						
			_				
	Inspector Comment						
RD 501 has emergency supplies in storage.							

No Photos

LM Start		Rating **	Α	Issue No.		59	
LM End		Issue Type +	Ма	Location *			
Category	Earthen L	Earthen Levee			tituc	le/Longitude	
Calegory				Start		End	
Item	Flood Preparedness & Training				0	0	
Item					0	0	
DWR ID DWR_RD0501_01_s _ 2012_59							
		Comn	nent Cod	le			
	Inspector Comment						
Crew members have been trained and are prepared for a flood.							

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	0.06	Rating **	М	Issue No.		42
LM End	0.08	Issue Type +	Ма	Location *	LS	
Category	Earthen L	evee		GPS Latitude/Longitude		
Calegory	Start End					
Item	n Trees		38.2537	83°	38.253525°	
						-121.602265 °
DWR ID DWR_RD0501_01_f _ 2018_42						
Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



View looking downstream at relatively thick trees on the land side slope (November 2018).

LM Start	0.14	Rating **	М	Issue No.	e No. 43		
LM End	0.16	Issue Type +	Ма	Location *	LS		
Category	evee	GPS Latitude/Longitude					
Calegory			Start		End		
Item	Trim / Thin Trees				90°	38.252548°	
item				-121.6027	05°	-121.602805 °	
DWR ID DWR_RD0501_01_f _ 2018_43							
Comment Code							

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start 0.31 Rating ** C Issue No. 28 LM End 0.31 Issue Type + Ma Location * LS Category Item Trim / Thin Trees 38.250340 ° 38.250340 ° Item Trim / Thin Trees 38.250340 ° -121.603133 ° DWR ID DWR_RD0501_01_f _ 2017_28 Comment Code									
Category Earthen Levee GPS Latitude/Longitude Start End 1tem Trim / Thin Trees 38.250340 ° 38.250340 -121.603133 ° -121.603133 -121.603133	LM Start	0.31	Rating ** C Issue No.				28		
Category Start End Item Trim / Thin Trees 38.250340 ° 38.250340 ° -121.603133 DWR ID DWR_RD0501_01_f _ 2017_28	LM End	0.31	Issue Type +	Ma	Location *	LS			
Start End Item 38.250340 ° 38.250340 ° 38.250340 ° -121.603133 ° -121.603133 DWR ID DWR_RD0501_01_f _ 2017_28					GPS Latitude/Longitude				
Tem -121.603133 ° -121.603133 -121.60313 -121.60313 -121.60313 -121.60313 -121.60313 -121.60313 -121.60313 -121.60313 -121.60313 -121.60313 -121					Start Er		End		
-121.603133 -121.603133 DWR ID DWR_RD0501_01_f _ 2017_28	Itom				38.2503	40°	38.250340	0	
	пеш			-121.6031	33 °	-121.603133	0		
Comment Code	DWR ID DWR_RD0501_01_f _ 2017_28								
Comment Code									

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim trees at landside toe to allow inspection and access.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	0.47	М	Issue No.	25		
LM End	0.53	Issue Type +	Ма	Location *	WS	
Category	ental		GPS La	titud	le/Longitude	
Category				Start End		
Item	2017 USACE Erosion Survey,					38.247156°
						-121.602669°
DWR ID DWR_RD0501_01_f _ 2018_25						
Comment Code						

No Photos

Inspector Comment

2017 Site ID: STM 21.2 R Status: Eroding New

2017 Field Notes: Difficult to observe due to high vegetation.

Site History: 2016 - Large slump section.

2018: Difficult to see due to dense vegetation on water side toe

LM Start	0.70	Rating **	M	Issue No.		71
LM End	1.21	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee	GPS Latitude/Longitude			
Calegory	,gory					End
Item	Animal Control				67°	38.237470°
item				-121.6029	67°	-121.604418°
DWR ID	DWR ID DWR_RD0501_01_s _ 2012_71					

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There are rodents present in this area, district need to place bait stations in this area. Seveeral rodents observed on 10/24/17.

No Photos

LM Start	0.76	Rating **	M	Issue No.		29	
LM End	1.01	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.2438	15°	38.240257	o
пеш				-121.6030	77 °	-121.603873	D
DWR ID	DWR RD0	501 01 f 201	8 29				

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Landside slope is covered in blackberry vines. Should be removed to allow inspection and access.

Photo 1 of 1: FA_2018_RD0501_169_29_20180925_00004.jpg



Landside slope is covered in blackberry vines. Should be removed to allow inspection and access.

Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A: Acceptable Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	1.01	Rating **	М	Issue No.		46
LM End	1.19	Issue Type +	Ма	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory	gory			Start		End
Item	Trim / Thi	n Trees		38.24026	2°	38.237758°
пеш				-121.60387	'8°	-121.604453 °
DWR ID	DWR_RD0501_01_f _ 2018_46					
Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	1.01	Rating **	М	Issue No.		31
LM End	1.11	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	n		38.2402	22 °	38.238918°
itein				-121.6038	87°	-121.604338°
DWR ID	DWR_RD0	501_01_f _ 201	7_31			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Waterside vegetation should be thinned/removed to 20' from WS shoulder to allow inspection and access.

Photo 1 of 1 : FA_2018_RD0501_169_31_20180925_00006.jpg



Waterside vegetation should be thinned/removed to 20' from waterside shoulder to allow inspection and access.

LM Start	2.07	Rating **	U	Issue No.		47	
LM End	2.07	Issue Type +	Ma	Location *		WS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Slope Sta	bility		38.22507	70°	38.225070°	
item				-121.60382	27 °	-121.603827°	
DWR ID	DWR_RD0	501_01_f _ 2018_47					
	Comment Code						

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Deep gouges in the water side slope due to heavy foot traffic. LMA put sign up to deter foot traffic and it has been effective.

Photo 1 of 2: FA_2018_RD0501_169_47_20181106_00065.jpg



View of foot path that is more than 1 foot deep into the water side slope (November 2018).

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	2.07	Rating **	U	Issue No.		47 (cont)	
LM End	2.07	Issue Type +	Ма	Location *		WS	
Catagony	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Slope Sta	bility		38.2250	70°	38.225070 °	
пеш				-121.6038	27°	-121.603827 °	
DWR ID	DWR_RD0501_01_f _ 2018_47						
	Comment Code						

S2: Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

Deep gouges in the water side slope due to heavy foot traffic. LMA put sign up to deter foot traffic and it has been effective.

Photo 2 of 2: FA_2018_RD0501_169_47_20181106_00066.jpg



View of two additional foot paths that are more than 1 foot deep into the water side slope (November 2018).

LM Start	2.24	Rating **	U	Issue No.	48			
LM End	2.24	Issue Type +	Ма	Location *		LS		
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Trim / Thi	n Trees		38.2225	98°	38.222598°		
пеш				-121.6033	30°	-121.603330 °		
DWR ID	DWR_RD0501_01_f _ 2018_48							
	Comment Code							

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	2.41	Rating **	М	Issue No.	51		
LM End	2.41	Issue Type +	Ма	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.220323°		38.220323°	
itein				-121.6039	37°	-121.603937 °	
DWR ID	DWR_RD0	501_01_f _ 201					
	Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

Location

LS: Land Side

WS: Water Side

N/A: Not Applicable

U : Unacceptable

A : Acceptable M : Minimally Acceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	2.55	Rating **	М	Issue No.		32
LM End	2.60	Issue Type +	Ма	Location *		LS
Catagony	Earthen Levee			GPS Latitude/Longitude		
Calegory			Start		End	
Item	Trim / Thi	n Trees		38.2184	70°	38.217875°
пеш				-121.6051	05°	-121.605532 °
DWR ID	DWR_RD0	501_01_s _ 201				
		Comm	nent Coo	de		

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Continue trimming the trees at this location to at least five feet above the ground.

No Photos

2.67 Rating ** Issue No. М LM Start 34 Issue Type + Location * LS LM End 2.73 Earthen Levee GPS Latitude/Longitude Category Start Fnd Trim / Thin Trees 38.217030° 38.216408° Item -121.606303° -121.607057° DWR_RD0501_01_s _ 2012_34 DWR ID

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Trim the trees to at least five feet above the ground.

No Photos

Rating ** Issue No. LM Start 2.83 52 2.89 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.215255° 38.214455° Item -121.608158° -121.608783° DWR ID DWR_RD0501_01_f _ 2018_52

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	3.02	Rating **	М	Issue No.		53
LM End	3.02	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
			Start		End	
Item	Trim / Thin Trees			38.21280)3°	38.212803 °
item				-121.60992	22 °	-121.609922 °
DWR ID	DWR_RD0	501_01_f _ 201	8_53			
Comment Code						
T2 : Thin to	T2 : Thin trees to allow visibility of the ground and room to flood fight.					

Inspector Comment

LM Start	3.07	Rating **	М	Issue No.		54		
LM End	3.17	Issue Type +	Ma	Location *	LS			
Catagory	Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End		
Item	Trim / Thin Trees			38.2120	72°	38.210642	٥	
пеш				-121.6100	97°	-121.610397	0	
DWR ID DWR_RD0501_01_f _ 2018_54								
	Comment Code							

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

No Photos

LM Start	3.26	Rating **	М	Issue No.		55		
LM End	3.29	Issue Type +	Ma	Location *	LS			
Category	Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Trim / Thin Trees			38.209402 ° 38		38.209013	0		
item				-121.6109	00 °	-121.611078	0	
DWR ID	DWR_RD0	501_01_f _ 201	8_55					
Comment Code								

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location

LS : Land Side N/A : Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	3.48	Rating **	U	Issue No.	56	
LM End	3.48	Issue Type +	Ма	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Item	Trim / Thin Trees			38.2063	75 °	38.206375
пеш				-121.6122	58°	-121.612258
DWR ID	DWR ID DWR_RD0501_01_f _ 2018_56					
Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Rating ** Issue No. 3.59 М 60 LM Start 3.64 Issue Type + Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.204952° 38.204242° Item -121.612835 ° -121.613082° DWR_RD0501_01_f _ 2018_60 DWR ID Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

No Photos

LM Start	3.73	Rating **	С	Issue No.		974	
LM End	4.12	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Vegetation Item			38.2029	97°	38.197778	0	
пеш				-121.6134	50°	-121.616080	0
DWR ID	DWR_RD0	501_01_s _ 201	2_974				
		Comn	nent Cod	de			

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Vegetation has been cleared to 20 feet from crown.

No Photos

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

U : Unacceptable AW : Acceptable but Monitor & Maintain Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	3.94	Rating **	A/W	Issue No.		33	
LM End	4.02	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Trim / Thin Trees			38.2000	83°	38.199057°	
пеш			-121.6146	42 °	-121.615227°		
DWR ID	DWR ID DWR_RD0501_01_f _ 2017_33						

Comment Code T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Willows have been thinned to allow limited visibility. Should continue to reduce and/or remove this vegetation to increase visibility and access to slope and toe.

No Photos

No Photos

LM Start	4.38	Rating **	М	Issue No.		19	
LM End	4.39	Issue Type +	Ma	Location *		LS	
Category	evee	GPS Latitude/Longitude					
Calegory	egory					End	
Item	Vegetation			38.1953	32°	38.195310°	
item				-121.6197	49°	-121.619801°	
DWR ID DWR_RD0501_01_f _ 2017_19							

Comment Code

V4: Elderberries are blocking visibility and flood fight capability.

D - 4'-- -- **

Inspector Comment

LM Start	4.64	Rating	C	issue ivo.		35		
LM End	4.64	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS La	atitud	e/Longitude		
Calegory				Start		End		
Vegetation Item			38.1944	63°	38.194463	0		
item				-121.6243	10°	-121.624310	0	
DWR ID	DWR_RD0	501_01_f _ 201	7_35					
Comment Code								

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Very large mounds of blackberry vines prohibit inspection and access. Should be removed.

No Photos

* Location LS: Land Side

. . . .

N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

Innue Nie

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	4.95	Rating **	С	Issue No.		977	
LM End	4.96	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Encroachments			38.195057°		38.195068°	
item				-121.629965 °		-121.630173 °	
DWR ID	DWR_RD0	501_01_s _ 201	2_977				
Comment Code							
EQ : Equipment							

Inspector Comment

Remove the equipment from the 10 foot easement.

Rating **

Issue Type + Location * LS LM End 5.20 Ma Earthen Levee GPS Latitude/Longitude Category Start Fnd Vegetation 38.194288° 38.194288° Item -121.634262° -121.634262 °

С

Issue No.

36

DWR ID DWR_RD0501_01_f _ 2017_36

5.20

LM Start

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Willows and blackberries are blocking inspection and access to toe. Should be thined or removed.

 LM Start
 5.27
 Rating **
 C
 Issue No.
 65

 LM End
 5.44
 Issue Type +
 Ma
 Location *
 WS
 No Photos

 Earthen Levee
 GPS Latitude/Longitude

 Category
 Start
 End

 Item
 Vegetation
 38.193805°
 38.192457°

 -121.635391°
 -121.637997°

DWR ID DWR_RD0501_01_f _ 2012_65

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Wild vegetation has been mowed to 20 feet from crown.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

No Photos

No Photos

En : Enforcement

WS: Water Side

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	5.39	Rating ** C		Issue No.		978	
LM End	5.42	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee			GPS Lat	itud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.19287	B°	38.192588	0
пеш			-121.63733	2°	-121.637802	0	
DWR ID DWR_RD0501_01_f _ 2013_978							

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Some triming of these willow trees is apparent, but should continue until inspection and access are restored.

No Photos

No Photos

LM Start	5.71	Rating ** C Issue No.		Issue No.		24	
LM End	5.76	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetatio	n		38.1905	90°	38.190246°	
пеш			-121.6424	68°	-121.643164°		
DWR ID DWR_RD0501_01_s _ 2012_24						·	

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Wild growth is cleared to 20 feet from crown.

LM Start	5.77	Rating **	M	issue No.		21	
LM End	5.84	Issue Type +	Ma	Location *		WS	
Category	Suppleme	ental		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item		CE Erosion S	Survey,	38.1900	01°	38.189311	0
item	DRAFT			-121.6431	60°	-121.643917	0
DWR ID	DWR_RD0	501_01_f _ 201	8_21				

D-+:-- **

Inspector Comment

Comment Code

2017 Site ID: STM 15.7 R

Status: Eroding

2017 Field Notes: No observed change.

Site History: 2008 - Overstepped levee section with multiple small pockets of erosion 10 - 20 ft wide. 2013 - Site has fresh erosion and

taller vertical sections.

Photo 1 of 1 : FA_2018_RD0501_169_21_20181106_00069.jpg



USACE 2013 Photo #1

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

LM Start	5.89	Rating **	U	Issue No.		38
LM End	5.89	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Trim / Thi	n Trees		38.1888	870°	38.188870 °
пеш				-121.6447	-121.644732 °	
DWR ID	DWR_RD0	501_01_f _ 201	7_38			
		Comn	nent Cod	de		
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.
Inspector Comment						
	Trim/thin/remove trees and undergrowth to allow inspection and access to slope and toe.					

Photo 1 of 1: FA_2018_RD0501_169_38_20180925_00008.jpg

Trim/thin/remove trees and undergrowth to allow inspection and access to slope and toe.

LM Start	5.94	Rating **	М	Issue No.		39	
LM End	6.15	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Category	Category			Start		End	
Item	Vegetatio	n		38.1882	83°	38.186090 °	
пеш				-121.6453	98°	-121.648027 °	
DWR ID DWR_RD0501_01_f _ 2017_39							
0 101							

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Heavy blackberry growth along toe should be removed to allow inspection and access to toe. LMA reports ditch near toe inhibits ability to mow.

Photo 1 of 1: FA_2018_RD0501_169_39_20180925_00009.jpg



Heavy blackberry growth along toe, possibly over fence, should be removed to allow inspection and access to toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Right	6.71	11/06/2018 11/06/2018	David Julian

6.15	Rating **	M	Issue No.		40		
6.15	Issue Type +	Ма	Location *		LS		
Earthen L	evee		GPS La	titud	e/Longitude		
			Start		End		
Trim / Thi	n Trees		38.1860	90°	38.186090°		
			-121.6480	22 °	-121.648022 °		
DWR_RD0	501_01_f _ 201	7_40					
	Comn	nent Coc	de				
rees to allo	w visibility of	the grou	nd and rooi	n to	flood fight.		
	Inspecto	or Comm	nent				
	6.15 Earthen L Trim / Thin	6.15 Issue Type + Earthen Levee Trim / Thin Trees DWR_RD0501_01_f _ 201 Comn rees to allow visibility of	6.15 Issue Type + Ma Earthen Levee Trim / Thin Trees DWR_RD0501_01_f _ 2017_40 Comment Cocrees to allow visibility of the ground in the control of the ground in th	6.15 Issue Type + Ma Location * Earthen Levee GPS La Start Trim / Thin Trees 38.1860: -121.6480: DWR_RD0501_01_f _ 2017_40 Comment Code	6.15 Issue Type + Ma Location * Earthen Levee		

No Photos

Issue No. 6.59 Rating ** Μ 23 LM Start 6.62 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.184136° 38.184040° Item -121.655762° -121.656291 DWR_RD0501_01_s _ 2012_23 DWR ID Comment Code T1: Trim trees to at least five feet above ground level.

No Photos

Inspector Comment

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.56	11/06/2018 11/06/2018	David Julian

LM Start	0.16	Rating **	М	Issue No.		17
LM End	0.16	Issue Type +	Ma	Location *	Location * W	
Catagoni Earthen Levee				GPS La	atitud	e/Longitude
Category				Start		End
Item	Vegetatio	n		38.186068 °		38.186068 °
пеш				-121.6590	12°	-121.659012°
DWR ID	DWR_RD0	501_02_f _ 201	8_17			·
	Comment Code					
V1 : Contro	√1 : Control annual grass and weeds on the levee slopes and					

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of thick vegetation at the top of the water side slope (November 2018).

LM Start	1.25	Rating **	М	Issue No.		28
LM End	1.25	Issue Type +	Ма	Location *		
Category	ental	GPS Latitude/Longitude				
Calegory			Start		End	
Item	DWR UCI	P LMA Respo	nsibility	38.20114	3°	38.201143°
пеш				-121.65516	9°	-121.655169°
DWR ID	21085					
		Comn	oont Cod	lo		

Inspector Comment

FS_ID:44753 DS_ID:21085 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Hole rusted through pipe on WS end. Pipe abandoned and should be done so properly.

FIELD_STRUCT_DESC: *ABANDONED* 20-inch coated steel gravity drainage pipe through the levee, 15.5 feet below the crown. Pipe exposed along the waterside (WS) slope. Steel plate welded over end. [Additional Reference(s): USACE Sacramento O&M Manual 105, April 1959, (HLM 1.4)].

FS Date: 4/23/2015

Photo 1 of 3: UCIP_FA_2018_44753_73955.jpg



20-inch pipe with welded steel plate over end on WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.56	11/06/2018 11/06/2018	David Julian

LM Start	1.25	Rating **	М	Issue No.		28 (cont)	
LM End	1.25	Issue Type +	Ma	Location *			
Category	Suppleme	ental		GPS Lati	tud	e/Longitude	
Calegory				Start		End	
Item	DWR UCI	IP LMA Respo	onsibility	38.20114	3°	38.201143	0
пеш				-121.655169)°	-121.655169	0
DWR ID	21085						

Inspector Comment

Comment Code

FS_ID:44753 DS_ID:21085 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Hole rusted through pipe on WS end. Pipe

abandoned and should be done so properly.

FIELD_STRUCT_DESC: *ABANDONED* 20-inch coated steel gravity drainage pipe through the levee, 15.5 feet below the crown. Pipe exposed along the waterside (WS) slope. Steel plate welded over end. [Additional Reference(s): USACE Sacramento O&M Manual 105, April 1959, (HLM 1.4)].

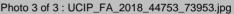
FS Date: 4/23/2015

LM Start	1.25	Rating **	М	Issue No.	28 (cont)
LM End	1.25	Issue Type +	Ma	Location *	

Photo 2 of 3: UCIP_FA_2018_44753_73954.jpg



Hole in pipe at WS toe.





Inside hole in pipe at WS toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.56	11/06/2018 11/06/2018	David Julian

LM Start	1.73	Rating **	М	Issue No.		18	
LM End	1.82	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee	GPS La	titud	e/Longitude		
Category			End				
Item	Vegetatio	n	38.2080	30°	38.209040°		
пеш				-121.6560	52 °	-121.655575 °	
DWR ID	DWR_RD0	501_02_f _ 201	8_18				
	Comment Code						
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slop	es a	and	

easements.

Inspector Comment

Remove vegetation from top 20' of water side slope



View looking upstream at vegetation on the water side shoulder (November 2018).

LM Start	2.69	Rating **	M	Issue No.		22	
LM End	2.69	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Vegetatio	n		38.2163	32°	38.216332°	
Item				-121.6679	45 °	-121.667945 °	
DWR ID DWR_RD0501_02_f _ 2018_22							
		Cama	ant Car	ام			

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove willows from waterside shoulder

No Photos

LM Start	2.90	Rating **	A/W	Issue No.		4	
LM End	2.91	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		38.2188	90°	38.218997	0
пеш				-121.6699	34°	-121.669988	0
DWR ID	DWR_RD0	501_02_s _ 201	12_4				
		Comn	nent Cod	de			

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No indications of rodent activity visible. Adjacent orchard may attract rodents, so area should be monitored.

No Photos

Location A : Acceptable M : Minimally Acceptable Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side N : Not Inspected/Rated WS: Water Side C : Corrected Ob : Design & System Obsolescence U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Cache Slough	Left	3.56	11/06/2018 11/06/2018	David Julian

LM Start	3.41	Rating **	М	Issue No.		16
LM End	3.48	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	atitud	e/Longitude
Category	Category					End
Item	Trim / Thi	n Trees		38.2258	23°	38.226847°
пеш				-121.672837°		-121.673027°
DWR ID	DWR_RD0	501_02_s _ 201	2_16			
		Comn	nent Coc	de		
T1: Trim t	rees to at l	east five feet	above g	round level.		
		Inspecto	or Comm	nent		
Trim up the	Trim up the trees on the landside slope.					

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	0.55	Rating **	М	Issue No.	44	
LM End	0.60	Issue Type +	Ма	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Calegory					Start	
Item	Vegetatio	n		38.2338	92 °	38.234412
item				-121.66620)3 °	-121.665627
DWR ID	D DWR_RD0501_03_f _ 2018_44					
		Comm	nent Coc	le		

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View looking upstream of new willow growth on the water side shoulder (November 2018).

LM Start	0.90	Rating **	М	Issue No.		45
LM End	0.97	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Item	Vegetatio	n		38.2386	95°	38.239740°
пеш				-121.6648	58°	-121.664782°
DWR ID DWR_RD0501_03_f _ 2018_45						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment



View looking upstream at thick vegetation on the water side slope (November 2018).

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	1.48	Rating **	М	Issue No.		28	
LM End	1.48	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	ategory			Start		End	
Item	Trim / Thi	n Trees		38.2442	93 °	38.244293 °	
пеш				-121.6578	43 °	-121.657843°	
DWR ID DWR_RD0501_03_f _ 2017_28						·	
	Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim/thin willows to allow inspection and access to landside slope and toe.



Trim/thin willows to allow inspection and access to landside slope and toe.

LM Start	1.56	Rating **	М	Issue No.		29
LM End	1.56	Issue Type +	Ма	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Item	Vegetatio	n		38.2454	45°	38.245445°
пеш				-121.6580	35°	-121.658035°
DWR ID DWR_RD0501_03_f _ 2017_29						

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove berry vines at landside toe to allow inspection and access.

Photo 1 of 1: FA_2018_RD0501_171_29_20180925_00002.jpg



Remove berry vines at landside toe to allow inspection and access.

LM S	Start	1.89	Rating **	С	Issue No.		30	
LM E	End	1.89	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude				
Cale	egory		Start		End			
Iter	m	Vegetatio	n		38.2494	28°	38.249428	0
itei	111				-121.6563	10°	-121.656310	0
DWF	R ID	DWR_RD0501_03_f _ 2017_30						
	Comment Code							

 $\ensuremath{\mathsf{V2}}$: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove/manage landside vegetation and berry vines to allow inspection and access to slope and toe.

No Photos

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
M: Minimally Acceptable
U: Unacceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	2.44	Rating **	М	Issue No.	32			
LM End	2.44	Issue Type +	Ma	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory		Start				End		
Item	Vegetatio	n		38.2550	70°	38.255070	0	
пеш				-121.6516	30°	-121.651630	0	
DWR ID DWR_RD0501_03_f _ 2017_32								
Comment Code								

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove thick berry vines at landside toe to allow inspection and access.

Rating ** Issue No. 2.95 М LM Start 47 Issue Type + Location * LS LM End 3.03 Earthen Levee GPS Latitude/Longitude Category Start Fnd Vegetation 38.261617° 38.261897 Item -121.650220° -121.648820 ° DWR_RD0501_03_f _ 2018_47 DWR ID

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove willows from land side shoulder.

Rating ** Issue No. LM Start 2.98 48 3.02 Issue Type + Ma Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.261630° 38.261800° Item -121.649702° -121.649017° DWR ID DWR_RD0501_03_f _ 2018_48

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove willows from water side shoulder

No Photos

No Photos

No Photos

En: Enforcement

* Location Ma : Maintenance Deficiancy N/A: Not Applicable LS: Land Side A: Acceptable N : Not Inspected/Rated WS: Water Side Minimally Acceptable C : Corrected Ob : Design & System Obsolescence

U : Unacceptable

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	3.55	Rating **	С	Issue No.	15		
LM End	3.57	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	e/Longitude		
Calegory		Start				End	
Item	Trim / Thi	n Trees		38.266666°		38.266857°	
пеш				-121.64147	75 °	-121.641280 °	
DWR ID	DWR ID DWR_RD0501_03_s _ 2012_15					·	
	Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim up tree on landside slope.

Rating ** Issue No. М LM Start 3.62 22 Issue Type + Location * LS LM End 3.63 Ma Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.267485° 38.267578° Item -121.640667° -121.640507 ° DWR_RD0501_03_s _ 2012_22 DWR ID

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

No Photos

Rating ** Issue No. LM Start 3.68 3 3.68 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 38.268218° 38.268218° Item -121.640418 ° -121.640418° DWR ID DWR_RD0501_03_f _ 2017_3

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location

LS: Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

1110	2.75	Rating **	С	Issue No.		22	
LM Start	3.75	Rating	C	issue ivo.		33	
LM End	3.75	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Trim / Thi	n Trees		38.269187°		38.269187°	
пеш				-121.6407	75°	-121.640775 °	
DWR ID DWR_RD0501_03_f _ 2017_33							
Comment Code							
T1 · Trim t	roos to at l	east five feet	ahove a	round level			

1 : Trim trees to at least five feet above ground level.

Inspector Comment

Photo 1 of 1: FA_2018_RD0501_171_34_20180925_00006.jpg

No Photos



Remove berry vines on landside slope and toe to allow inspection and access.

LM Start	4.47	Rating **	М	Issue No.		34
LM End	4.80	Issue Type +	Ma	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	n		38.2779	18°	38.281507°
пеш			-121.6376	70°	-121.641595°	
DWR ID	DWR_RD0	501_03_f _ 201	7_34			

Comment Code

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove berry vines on landside slope and toe to allow inspection and access.

LM Start	4.89	Rating **	М	Issue No.		36	
LM End	4.89	Issue Type +	Ma	Location *	LS		_
Catagory	GPS Latitude/Longitude						
Category			Start		End		
Trim / Thin Trees		n Trees		38.2820	28°	38.282028	0
пеш				-121.6430	67°	-121.643067	0
DWR ID DWR_RD0501_03_f _ 2017_36							
	Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim tree to at least 5 feet above levee slope to allow inspection and access.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side	A : Acceptable M : Minimally Acceptable	N : Not Inspected/Rated C : Corrected	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	5.09	Rating **	С	Issue No.		37
LM End	5.09	Issue Type +	Ма	Location * LS		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	egory		Start		End	
Item	Trim / Thi	n Trees		38.2849	17°	38.284917°
пеш						-121.643243°
DWR ID	DWR_RD0	501_03_f _ 201	7_37			·

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim/thin large willow to allow inspection and access to landside slope and toe.

	LM Start	5.11	Rating **	M	Issue No.		38	
	LM End	5.11	Issue Type +	Ма	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude					
	Calegory		Start		End			
	Item	Vegetatio	n		38.2851	15°	38.285115	0
	пеш				-121.6432	27°	-121.643227	0
	DWR ID	DWR_RD0	501_03_f _ 201	7_38				

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove thick berry vines from landside slope and toe to allow inspection and access.

No Photos

No Photos

LM Start	5.61	Rating **	М	Issue No.		49
LM End	5.61	Issue Type +	Ма	Location *	Location * WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory			Start		End	
Item	Trim / Thi	n Trees		38.2898	48°	38.289848 °
item				-121.6411	13°	-121.641113°
DWR ID	DWR RD0	501 03 f 201	8 49			

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment



View of thick tree growth on the water side slope (November 2018).

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

A/W : Acceptable but Monitor & Maintain

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	5.76	Rating **	M	Issue No.	50	
LM End	5.76	Issue Type +	Ma	Location *	WS	
Category	Earthen L	evee	GPS Latitude/Longitude			
Category				Start End		
Item	Trim / Thi	n Trees		38.29006	63°	38.290063 °
пеш				-121.63848	32°	-121.638482 °
DWR ID DWR_RD0501_03_f _ 2018_50						
Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Photo 1 of 1 : FA_2018_RD0501_171_40_20180925_00009.jpg

No Photos



Trim/thin trees on waterside to allow inspection and access.

Photo 1 of 1: FA_2018_RD0501_171_39_20180925_00008.jpg

LM Start	6.14	Rating **	М	Issue No.		40
LM End	6.14	Issue Type +	Ма	Location *	WS	
Category	Earthen Levee			GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Trim / Thin Trees			38.291563°		38.291563°
пеш			-121.632068 ° -121.632068			
DWR ID	DWR_RD0	501_03_f _ 201	7_40			
		Comn	nent Cod	de		
T1 : Trim t	rees to at I	east five feet	above g	round level.	•	
Inspector Comment						

LM Start	6.61	Rating **	M	Issue No.		39	
LM End	6.61	Issue Type +	Ma	Location *		LS	
Catagonia Earthen Levee				GPS Latitude/Longitude			
Category		Start		End			
Item	Animal Co	ontrol		38.2903	13°	38.290313°	
item				-121.6237	85 °	-121.623785°	
DWR ID	DWR_RD0	501_03_f _ 201	6_39			·	

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Evidence of significant rodent avtivity at this location. Exterminate the rodents and backfill holes.



Evidence of significant rodent avtivity at this location. Exterminate the rodents and backfill holes.

Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Miner Slough	Left	7.71	11/06/2018 11/06/2018	David Julian

LM Start	7.58	Rating **	М	Issue No.		43	
LM End	7.58	Issue Type +	Ma	Location *		LS	
Category Earthen Levee			GPS La	atitud	e/Longitude		
				Start		End	
Trim / Thin Trees				38.2862	22°	38.286222°	
пеш	-121.608127 °					-121.608127°	
DWR ID	DWR ID DWR_RD0501_03_f _ 2017_43						
		Comn	nent Cod	de			
T1 : Trim t	rees to at I	east five feet	above g	round level			
		Inspecto	or Comm	nent			

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.28	11/06/2018 11/06/2018	David Julian

LM Start	0.84	Rating **	M	Issue No.		11	
LM End	0.84	Issue Type +	Ма	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Itom	ltem Vegetation			38.274615°		38.274615°	
пеш				-121.602718 °		-121.602718°	
DWR ID	DWR ID DWR_RD0501_04_f _ 2017_11						
	Comment Code						
V2 : Remove the wild growth other than native grasses from the levee							
slopes.							
Inspector Comment							

Remove thick blackberries at landside toe to allow inspection and

Photo 1 of 1: FA_2018_RD0501_172_11_20180925_00001.jpg



Thick blackberries should be removed.

LM Start	1.24	Rating **	М	Issue No.		18	
LM End	1.24	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory			Start		End		
Item	Trim / Thin Trees			38.2691	73°	38.269173 °	
пеш			-121.604215 °		-121.604215°		
DWR ID DWR_RD0501_04_f _ 2018_18							

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

LM Start	1.48	Rating **	M	Issue No.		19	
LM End	1.48	Issue Type +	Ma	Location *	LS		
Cotogon Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End			
Trim / Thin Trees				38.2658	62°	38.265862	0
пеш		-121.6026	98°	-121.602698	0		
DWR ID	DWR_RD0	501_04_f _ 201	8_19				
	LM End Category Item	LM End 1.48 Category Earthen L Trim / Thin	LM End 1.48 Issue Type + Category Earthen Levee Trim / Thin Trees	LM End 1.48 Issue Type + Ma Category Item Trim / Thin Trees	LM End 1.48 Issue Type + Ma Location * Category Earthen Levee GPS La Start Item Trim / Thin Trees 38.2658 -121.6026	LM End 1.48 Issue Type + Ma Location * Category Earthen Levee GPS Latitud Start Item Trim / Thin Trees 38.265862 ° -121.602698 °	LM End 1.48 Issue Type + Ma Location * LS Category Item Trim / Thin Trees 38.265862 ° 38.265862 ° -121.602698 ° -121.602698 °

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

No Photos

* Location

access.

LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.28	11/06/2018 11/06/2018	David Julian

LM Start	1.49	Rating **	М	Issue No.		20
LM End	1.56	Issue Type +	Ма	Location *	WS	
Cotagon Earthen Levee			GPS Latitude/Longitude			
Category	gory			Start		End
Item	Trim / Thin Trees			38.265688 °		38.264703°
item				-121.602635 °		-121.602327°
DWR ID DWR_RD0501_04_f _ 2018_20						
Comment Code						
T2 : Thin trees to allow visibility of the ground and room to flood fight.						

Inspector Comment



View looking downstream at thick trees on the water side slope (November 2018).

LM Start	1.64	Rating **	М	Issue No.	14	
LM End	1.75	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
				Start		End
Trim / Thin Trees			38.263587°		38.262028°	
item			-121.6020	86°	-121.601688°	
DWR ID DWR_RD0501_04_f _ 2017_14						
Comment Code						

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim trees and undergrowth to allow inspection and access to landside slope and toe.

No Photos

LM Start	1.94	Rating **	М	Issue No.	21		
LM End	2.01	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Vegetation			38.259382 °		38.258367	0	
пеш				-121.601162 °		-121.600858	0
DWR ID DWR_RD0501_04_f _ 2018_21							
Comment Code							

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

No Photos

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected

+ Issue Type

Ma: Maintenance Deficiancy Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0501 Ryer Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sutter Slough	Right	2.28	11/06/2018 11/06/2018	David Julian

LM Start	2.15	Rating **	М	Issue No.		13	
LM End	2.17	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	Trim / Thin Trees			75°	38.255990°	
пеш					33°	-121.601015°	
DWR ID	DWR ID DWR_RD0501_04_s _ 2012_13						
		Comn	nent Coo	le			
T1: Trim t	rees to at l	east five feet	above g	round level			
Inspector Comment							
Thin out the trees along levee mile 2.15-2.17 and trim them up at least							
5-foot above the ground.							

No Photos

** Rating

LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating

A: Acceptable
M: Minimally Acceptable
U: Unacceptable

AW: Acceptable but Monitor & Maintain
En: Enforce

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Thursday, December 27, 2018 09:40